## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1307	bengs.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 13:26
L2	12	I1 and starch same solvent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 13:27
L3	5	("3915800"   "4438200"   "5472859"   "5576015"   "5961970").PN. OR ("6703048").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/22 13:32
L4	2630	celanese.as.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/22 13:33
L5	5	l4 and starch same solvent	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/22 13:33
L7	3	("6617449").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/22 13:42
L11	2	("6495679").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/22 14:12
L14	51	degree near2 substitution same starch with ester same (solubility insoluble) near5 water	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 16:48

L15	3	salting near2 out same starch near2 ester same precipitat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 17:30
L16	5	salting near2 out same starch near2 ester	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 17:31
L18	295	starch with ester same precipitat\$4 same salt\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 17:51
L19	5	starch with ester same precipitat\$4 same salt\$3 near2 out	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 17:51
L20	12	("2957834").URPN.	USPAT	OR	ON	2009/10/22 17:54
L21	984	ester same precipitat\$4 same salt\$3 near2 out	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 17:54
L22	14	ester same precipitat\$4 same mother near2 liquor with salt\$3 near2 out	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 17:55
L23	10	ester with mother near2 liquor with salt\$3 near2 out	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 17:58
L24	2	("4716186").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/22 18:03

L25	12	("2773057"   "2802000"). PN. OR ("4716186"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/22 18:27
L26	7	25 and salt\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 18:27
L30	0	starch same precipitat\$4 same mother near2 liquor with salt\$3 near2 out	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 18:32
L31	120	starch same precipitat\$4 with salt\$3 near2 out	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 18:32
L32	8	("4661606"   "4731469"). PN. OR ("5118840"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/22 18:38
L33	8	32 and salt\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 18:38
L34	1	32 and (salting salted)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 18:38
S1	2	("20070101904").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/21 09:28
S2	4	(("20070101904") or ("0035958")).PN. or (03/068823).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/21 09:35

S3	3409	starch same solution same solvent and starch same (alcohol methanol ethanol water) and starch same (ppt precipitat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 14:40
S4	321	starch same solution same solvent and starch with acetate same (alcohol methanol ethanol water) and starch same (ppt precipitat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 14:40
<b>S</b> 5	552	starch with acetate same (alcohol methanol ethanol water) same (ppt precipitat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 14:41
<b>S</b> 6	237	starch with acetate same (alcohol methanol ethanol water) same solvent same (ppt precipitat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 14:41
S7	115	starch with acetate same (alcohol methanol ethanol water) same solvent same (ppt precipitat\$4) same soluble	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 14:42
<b>S</b> 8	16	starch with acetate same (alcohol methanol ethanol water) same solvent same (ppt precipitat\$4) same soluble and pigment same filler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 14:42
S9	21	starch with acetate same (alcohol methanol ethanol water) same solvent same (ppt precipitat\$4) and pigment same filler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 14:43
S10	5	S9 not S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 14:44

S11	16	("3033853"   "3824085"   "3883666"   "4041179"   "4067824"   "4193989"   "4305572"   "4383988"   "4452978"   "4997581"   "5321132"   "5360845").PN. OR ("6369215").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 14:45
S12	2	("6562459").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/21 15:09
S13	13	("4072567"   "4438200"   "4766207"   "4908310"   "5037972"   "5223491"   "5281276"   "5374442"   "5688775"   "5795979"   "5827697"   "6159257").PN. OR ("6562459").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 15:10
S14	13	("5350524"   "5618562"   "5624612"   "5635609"   "5637197"   "5688775"   "6143211"   "6238677"   "6495488"   "6562459"   "6592897"   "6593470"   "6607784").PN. OR ("6723429").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 15:15
S15	12	S14 not S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 15:15
S16	62	("3369306"   "3615024"   "3943063"   "4187194"   "4542042"   "4624776"   "4637905"   "4731486"   "4861627"   "4997454"   "5049322"   "5075109"   "5118528"   "5288502"   "5384133"   "5407609"   "5460831"   "5466587"   "5478745"   "5478745"   "5478745"   "5518731"   "5741522"   "5766635").PN. OR ("6143211").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21

S17	60	S16 not S14 not S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 15:22
S18	4	("5066793"   "5350524"   "5766635").PN. OR ("6593470").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 15:33
S19	4	("6369215"   "6562459"   "6582509"   "6605715").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 16:18
S20	97	starch with ester same acetone same (water ethanol methanol alcohol) same (ppt precipitat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 18:19
S21	13	("4072567"   "4438200"   "4766207"   "4908310"   "5037972"   "5223491"   "5281276"   "5374442"   "5688775"   "5795979"   "5827697"   "6159257").PN. OR ("6562459").URPN.	US-PGPUB; USPAT; USOCR	OR		2009/10/21 18:20
S22	13	("5350524"   "5618562"   "5624612"   "5635609"   "5637197"   "5688775"   "6143211"   "6238677"   "6495488"   "6562459"   "6592897"   "6593470"   "6607784").PN. OR ("6723429").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 18:20
S23	12	S22 not S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 18:20

S24	62	("3369306"   "3615024"   "3943063"   "4187194"   "4542042"   "4624776"   "4637905"   "4731486"   "4861627"   "4997454"   "5049322"   "5075109"   "5118528"   "5288502"   "5384133"   "5407609"   "5460831"   "5466587"   "5478744"   "5478745"   "5478745"   "5516670"   "5518731"   "5741522"   "5766635").PN. OR ("6143211").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 18:20
S25	60	S24 not S22 not S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 18:20
S26	97	S20 not S25 not S24 not S23 not S22 not S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 18:20
S27	26	S26 and (pigment filler)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 18:20
S28	1894	starch same acetone same (water ethanol methanol alcohol) same (ppt precipitat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 18:23
S29	128	starch with acetate same acetone same (water ethanol methanol alcohol) same (ppt precipitat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 18:24
S30	122	S29 not S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 18:24

S31	31	S30 and (pigment filler)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 18:24
S32	120	starch with (ester acetate) same acetone same (water ethanol methanol alcohol) same (ppt precipitat\$4) same (remov\$4 evaporat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 18:29
S33	68	S32 not S26 not S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 18:30
S36	1277	valtion.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 09:46
S37	66	S36 and starch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 09:46
S38	22	S36 and starch and solvent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 09:46
S39	2	("6369215").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/22 10:41

## **EAST Search History (Interference)**

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